

# APPENDIX B. VISUAL INSPECTION FIELD FORMS

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**SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM**

Project Name: SLIP 4 LONG TERM MONITORING (YR 4) Project No.: — Pg. 1 of 9  
 Date: 05 JULY 2016 Weather: OVERCAST, 100°  
 Crew: T. DO, M. YARNES

Area Observed: SOUTHEAST SLOPE CAP Time: 0952  
 Substrate Classification:  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
 Estimated thickness of fine sediment deposit: FINES IN ISOLATED DEPOSITION AREAS, 0.5 TO 1.5 CM  
 Stratification: ROUNDED GRAVEL IN TOP 10 CM, WITH RIP RAP. SOME MED/COARSE SAND UNDERNEATH BEGINNING ~ 3 CM DEEP.  
 Color:  drab olive  gray  black  brown  brown surface  other \_\_\_\_\_  
 Evidence of Pollution (sheen, etc.): NONE OBSERVED  
 Organic matter accumulation (e.g., leaf litter, logs, woody debris): TRACE LEAF LITTER AND STICKS, FILAMENTOUS ALGAE  
 Presence/description of debris/litter/garbage: FOOD/CANDY WRAPPERS, PAPER DEBRIS  
 Assessment of the re-establishment of intertidal aquatic habitat: BARNACLES ON RIP RAP AND GRAVEL  
 Observations of wildlife use (including avifauna and macroinvertebrates): CROWS, FEATHERS  
 Observations of cap disturbance / erosion / changed conditions: NONE OBSERVED  
 Assessment of the cap integrity: GOOD  
 Other observations /Notes: —  
 Observer: 

Area Observed: SOUTHEAST SEDIMENT CAP Time: 1002  
 Substrate Classification:  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
 Estimated thickness of fine sediment deposit: FINES IN ISOLATED POCKETS, 0.5 TO 2 CM  
 Stratification: ROUNDED GRAVEL IN TOP 10 CM, MIXED W/ MED-COARSE SAND BELOW 2 CM.  
 Color:  drab olive  gray  black  brown  brown surface  other \_\_\_\_\_  
 Evidence of Pollution (sheen, etc.): NONE OBSERVED  
 Organic matter accumulation (e.g., leaf litter, logs, woody debris): FILAMENTOUS ALGAE, OCCASIONAL LEAF LITTER AND STICKS.  
 Presence/description of debris/litter/garbage: CIGARETTE BUTTS, BEER CAN  
 Assessment of the re-establishment of intertidal aquatic habitat: BARNACLES ON GRAVEL  
 Observations of wildlife use (including avifauna and macroinvertebrates): CROWS  
 Observations of cap disturbance / erosion / changed conditions: NONE OBSERVED  
 Assessment of the cap integrity: GOOD  
 Other observations /Notes: —  
 Observer: 

**SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM**

Project Name: SLIP 4 LONG TERM MONITORING (LRA) Project No.:        Pg. 2 of 9  
 Date: 05 JULY 2016 Weather: OVERCAST, 60°  
 Crew: T. DO, M. YARNES

**Area Observed:** EAST SLOPE CAP **Time:** 091015  
**Substrate Classification:**  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
**Estimated thickness of fine sediment deposit:** < 1 MM, TRACE FINES  
**Stratification:** RIP RAP AND LARGE ROUNDED GRAVEL TO > 10 CM, COARSE SAND MIXED BELOW BEGINNING AT 5 CM  
**Color:**  drab olive  gray  black  brown  brown surface  other \_\_\_\_\_  
**Evidence of Pollution (sheen, etc.):** NONE OBSERVED  
**Organic matter accumulation (e.g., leaf litter, logs, woody debris):** FILAMENTOUS ALGAE, LEAF LITTER, STICKS AND LARGE BRANCHES.  
**Presence/description of debris/litter/garbage:** PLASTIC BAGS, TRACE FOOD WRAPPERS AND CIGARETTE BUTTS  
**Assessment of the re-establishment of intertidal aquatic habitat:** NONE OBSERVED  
**Observations of wildlife use (including avifauna and macroinvertebrates):** BIRD DROPPINGS, CROWS  
**Observations of cap disturbance / erosion / changed conditions:** NONE OBSERVED  
**Assessment of the cap integrity:** GOOD  
**Other observations /Notes:** \_\_\_\_\_  
 Observer: 

**Area Observed:** EAST SEDIMENT CAP **Time:** 1023  
**Substrate Classification:**  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
**Estimated thickness of fine sediment deposit:** NUMEROUS AREAS OF FINES, UP TO 1 CM DEEP  
**Stratification:** ROUND GRAVEL TO TOP 10 CM, W/ COARSE SAND BELOW AT 3 CM  
**Color:**  drab olive  gray  black  brown  brown surface  other \_\_\_\_\_  
**Evidence of Pollution (sheen, etc.):** NONE OBSERVED  
**Organic matter accumulation (e.g., leaf litter, logs, woody debris):** TRACE LEAF LITTER, STICKS AND BRANCHES  
**Presence/description of debris/litter/garbage:** NONE OBSERVED  
**Assessment of the re-establishment of intertidal aquatic habitat:** BURROW HOLES (?) IN SEDIMENT ACCUM. AREAS, BARNACLES  
**Observations of wildlife use (including avifauna and macroinvertebrates):** CROWS, BIRD TRACKS,  
**Observations of cap disturbance / erosion / changed conditions:** NONE OBSERVED  
**Assessment of the cap integrity:** GOOD  
**Other observations /Notes:** \_\_\_\_\_  
 Observer: 



**SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM**

Project Name: SLIP 4 LONG TERM MONITORING (LRA) Project No.:            Pg. 4 of 9  
 Date: 05 JULY 2016 Weather: OVERCAST, 60°  
 Crew: T DO, M YARNES

**Area Observed:** NORTHWEST SLOPE CAP **Time:** 1055  
**Substrate Classification:**  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
**Estimated thickness of fine sediment deposit:** FINES IN DEPOSITION AREAS 1-6 CM DEEP (9 CM IN 1 AREA)  
**Stratification:** RIP RAP & ROUNDED GRAVEL TO DEPTH W/ FINES AT SURFACE  
**Color:**  drab olive  gray  black  brown  brown surface  other  
**Evidence of Pollution** (sheen, etc.): TRACE POCKETS OF SURFACE SHEEN BELOW RIP RAP  
**Organic matter accumulation** (e.g., leaf litter, logs, woody debris): LEAF LITTER, STICKS, WOOD DEBRIS, FILAMENTOUS ALGAE  
**Presence/description of debris/litter/garbage:** OCCASIONAL PLASTIC DEBRIS, PAPER  
**Assessment of the re-establishment of intertidal aquatic habitat:** BARNACLES ON RIP RAP AND GRAVEL, POSSIBLE BURROWS IN SEDIMENT ACCUM. AREAS  
**Observations of wildlife use** (including avifauna and macroinvertebrates): FLIES, CROWS, BIRD DROPPINGS, FEATHERS  
**Observations of cap disturbance / erosion / changed conditions:** NONE OBSERVED  
**Assessment of the cap integrity:** GOOD  
**Other observations /Notes:**             
**Observer:** 

**Area Observed:** NORTH SLOPE CAP AT DITFALLS **Time:** 1103  
**Substrate Classification:**  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
**Estimated thickness of fine sediment deposit:** FINES JUST BELOW RIP RAP AREA, TO 10 CM DEEP  
**Stratification:** RIP RAP / COBBLE W/ SOME FINES IN INTERSTICES  
**Color:**  drab olive  gray  black  brown  brown surface  other  
**Evidence of Pollution** (sheen, etc.): NONE OBSERVED  
**Organic matter accumulation** (e.g., leaf litter, logs, woody debris): FILAMENTOUS ALGAE, TRACE STICKS AND WOOD DEBRIS, LEAF LITTER  
**Presence/description of debris/litter/garbage:** NONE OBSERVED  
**Assessment of the re-establishment of intertidal aquatic habitat:** BARNACLES ON RIP RAP  
**Observations of wildlife use** (including avifauna and macroinvertebrates): BIRD TRACKS, FEATHERS  
**Observations of cap disturbance / erosion / changed conditions:** NONE OBSERVED  
**Assessment of the cap integrity:** GOOD  
**Other observations /Notes:**             
**Observer:** 



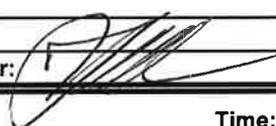






SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: SLIP 4 LONG TERM MONITORING (YR 4) Project No.: - Pg. 9 of 9  
 Date: 05 JULY 2016 Weather: OVERCAST, 60°  
 Crew: T DO, M YARNES

Area Observed: EAST-CENTRAL SEDIMENT CAP Time: 1217  
 Substrate Classification:  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
 Estimated thickness of fine sediment deposit: FINES IN DEPOSITION AREAS, UP TO 12CM DEEP  
 Stratification: ROUNDED GRAVEL IN TOP 10 CM, WITH FINES AND TRACE SAND AT 2CM DEPTH AND BELOW  
 Color:  drab olive  gray  black  brown  brown surface  other  
 Evidence of Pollution (sheen, etc.): NONE OBSERVED  
 Organic matter accumulation (e.g., leaf litter, logs, woody debris): FILAMENTOUS ALGAE, TRACE STICKS AND BRANCHES, TRACE LEAF LITTER  
 Presence/description of debris/litter/garbage: TRACE PLASTIC DEBRIS  
 Assessment of the re-establishment of intertidal aquatic habitat: ALGAE BEDS, BARNACLES ON GRAVEL  
 Observations of wildlife use (including avifauna and macroinvertebrates): CROWS, DEAD CRAB, V SMALL MUSSEL SHELL AND CLAM SHELL  
 Observations of cap disturbance / erosion / changed conditions: NONE OBSERVED  
 Assessment of the cap integrity: GOOD  
 Other observations /Notes: \_\_\_\_\_  
 Observer: 

Area Observed: NORTHEAST BEACH Time: 1220  
 Substrate Classification:  cobble  gravel  sand [coarse / medium / fine]  silt / clay  organic matter  wood/shell fragments  
 Estimated thickness of fine sediment deposit: NONE OBSERVED  
 Stratification: SAND ONLY, NO STRATIFICATION  
 Color:  drab olive  gray  black  brown  brown surface  other  
 Evidence of Pollution (sheen, etc.): NO SHEEN, ONLY LITTER  
 Organic matter accumulation (e.g., leaf litter, logs, woody debris): WOOD DEBRIS, LOGS, PLANT/LEAF LITTER  
 Presence/description of debris/litter/garbage: FOOD WRAPPERS, PLASTIC DEBRIS  
 Assessment of the re-establishment of intertidal aquatic habitat: N/A (~~HOT~~ NOT INTERTIDAL)  
 Observations of wildlife use (including avifauna and macroinvertebrates): SMALL BIRDS AND INSECTS  
 Observations of cap disturbance / erosion / changed conditions: NONE, THICK VEGETATION  
 Assessment of the cap integrity: GOOD  
 Other observations /Notes: \_\_\_\_\_  
 Observer: 

Slip 4 Early Action Area Visual Inspection Photo Log

Date: 7.5.2016

Photographer: MIKE YARNES

Equipment: OLYMPUS TG-860 Digital Camera, COMPASS

Photo Station ID	Target Coordinates		Marker Type/ Condition	Target Photo Orientation	Actual Photo Orientation	Photo ID	Photo Numbers	Photo Time	Photo Target Area Description	Notes
	Northing <sup>a</sup>	Eastings <sup>a</sup>		(True North)						
A	199125 <sup>b</sup>	1273323 <sup>b</sup>	Good, needs paint	55°	98°	A1	100-0025	1148	East-Central Sediment Cap	Resprayed marker compass reading unreliable b/c bulkhead
B	199292	1273396	" "	48°	48°	B1	100-0014	1109	North Sediment Cap	" "
C	199499	1273484	" "	178°	178°	C1	100-0006	1038	Northwest Slope Cap, South Sediment Cap	" "
				217°	217°	C2	100-0007	1040	Northwest Slope Cap	" "
D	199432	1273403	" "	24°	24°	D1	100-0011	1056	Northwest Beach/Anchored Logs	" "
E	199486	1273441	Good, dirty; needs paint	102°	102°	E1	100-0008	1047	North Slope Cap, Outfalls	" "
				144°	144°	E2	100-0010	1049	Northeast Slope Cap, North Rip Rap Slough	" "
F	199338	1273418	Good, needs paint	133°	133°	F1	100-0012	1102	East Slope Cap, East Sediment Cap, Central Riprap Slough	" "
				160°	160°	F2	100-0013	1103	Southeast Slope and Sediment Cap	" "
G	199355	1273491	" "	200°	200°	G1	100-0015	1117	South Riprap Slough	" "
				27°	27°	G2	100-0016	1118	North Riprap Slough, Sediment Cap, North Slope Cap	" "
				0-360°	0-360°	G3	100-0017 thru 100-0022	1119 thru 1120	Entire Slip 4 Early Action Area	" "
H	199378	1273570	" "	306°	306°	H1	100-0003	1020	Northwest Slope Cap, Beach Cap, Sediment Cap	" "
I	199177	1273570	" "	278°	278°	I1	100-0002	1063	West Sediment Cap	" "
J	199002 <sup>b</sup>	1273268 <sup>b</sup>	" "	130°	178°	J1	100-0024	1141	Southeast Slope Cap	compass reading unreliable b/c of bulkhead

Notes:

<sup>a</sup> Washington state plane coordinate system, north zone (NAD-83/91), U.S. feet.

<sup>b</sup> These coordinates are approximate; the stations were relocated close to the upland sheetpile bulkhead during Year 1 (2013) monitoring to allow for on-foot access. The locations are marked with rebar stakes and marking paint on the sheetpile wall.

Additional Point: NE Pocket Beach → 12° → 100-0026 → 1214  
Bearing      photo      photo  
                 number      time